

ABSTRACT OF THE DISCLOSURE

There is provided a melt spinning apparatus capable of reducing the unevenness of fineness of a yarn. The nozzles of the spinning plate are arranged annular in at least one circle, and a cylindrical filter is disposed at an exit of a cooling wind in the cooling device so as to enclose around a spun yarn discharged from the spinning plate. The annular diameter of the nozzles is from no less than 0.6 times to no more than one time of the internal diameter of the cylindrical filter, and the flow velocity of the cooling wind blown from the cylindrical filter is distributed gradually higher according to the downstream of the spun yarn.